

Amendments to the Claims: This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1. (Currently Amended) A Multi-Channel Machine Learning trading system, comprised of a very large number of independent trading strategies for choosing a preferred trading strategy according to user's subjective preferences and likings; a system that chooses one of the optimization techniques that will be used for real-time optimization and Machine Learning, individually and specifically optimizes parameters for each trading strategy in a real-time mode; a system that automatically sends different ~~for automatically sending Buy or Sell trading orders for selected securities~~each different trading strategy, according to independently self-optimized trading strategies and parameters, from trader's computer to computerized market exchanges, comprising of the following modules:

Data Feed module for receiving real-time and historical trading data on a variety of securities from a remote data server;

Trading software module as a means of building trading strategy that generates optimal and/or self-optimized Buy/Sell trading signals based on a number of optimized trading parameters;

Optimization choice module as a means of choosing from a list of optimization techniques;

A Multi-Channel Machine Learning Mechanism module that takes ~~previously optimized Buy/Sell signals~~optimizes independently parameters for a very large number of different and independent trading strategies, takes those previously differently optimized parameters for each independent trading strategy and its trading results as an input for building new Buy/Sell signals independently for each strategy, based on a new and updated trading results, trading data and trading parameters received for each strategy and its parameters;

The API/SDK-based multi-channel ~~Automatic-automatic~~execution platform as a means of transferring self-optimized Buy/Sell orders simultaneously through a number of parallel programming connection channels from trader's computer to computerized exchanges, automatically and completely without human intervention.

2. (Canceled)

3. (Currently Amended) The system of claim 1, further comprising means of ~~choosing order type and other execution details to suit trader's individual trading preferences and style~~if the order will be executed as a Market order, Limit order, Stop order or an order of different predetermined type individually for each trading strategy.

4. (Canceled)

5. (Canceled)

6. (Currently Amended) The system of claim 1, further comprising means of choosing if the order will be executed on a partial execution basis or all-or-none execution basis individually for each different trading strategy; the means of handling partial order execution cases and readjusting the system when partial order execution has occurred.

7. (Currently Amended) The system of claim 1, further comprising ~~software~~a hard-disk residing database and a computer storage means for storing and accounting trader's profit/loss information according to order execution details, independent of an additional to bank or brokerage accounting system and in addition to bank's/brokerage's own profit/loss accounting system.

8. (New) The system that is created and is working based on Application Programming Interface(API) or Software Development Kit (SDK), and which is a multi-channel automatic execution system that uses an appropriate API/SDK programming procedures, functions and DLLs to establish several parallel connection channels in order to connect user's trading system with a trading system of a bank or a brokerage, or with a trading exchange directly.

A system that uses an appropriate API/SDK programming procedures, functions and DLLs to send different and individual Buy/Sell trading orders from a user computer to the computerized exchanges, in a Multi-Channel mode for different and individual trading strategies optimized and self-optimized in a Multi-Channel mode, automatically and completely without human intervention, through connection channels established by the API/SDK.

9. (New) The system of claim 8, further comprising means of choosing an execution trading strategy for each of the trading channels in a Multi-System from an indefinite number of strategies, according to profit/loss, volatility, maximal drawdown or other strategy performance parameters.

10. (New) The system of claim 8, further comprising means of choosing a level for order execution automation, i.e. completely automatic execution level, semi-automatic execution level or a regular user-initiated execution level.

11. (New) The system of claim 8, further comprising means of choosing different order execution automation level (as explained in claim 4) individually for each trading strategy in the system.

12. (New) The system of claim 8, further comprising a multi-channel means of choosing different execution channels for different trading strategies, from a list of available order execution channels, i.e. means for choosing through which execution channel each order will be sent to a specific market for each specific trading strategy. For example, for NASDAQ market the user can choose from ECN, SOES or SelectNet channels.

13. (New) The system of claim 8, further comprising a multi-channel means of choosing different order quantity and different maximal allowable Bid/Ask spread for each trading strategy.

14. (New) The system of claim 8, further comprising means for choosing if the order will be executed on a margin or on a cash account for each trading strategy.

15. (New) The system of claim 8, further comprising means for choosing for each trading strategy if the order will be executed as an IOC (Immediate-Or-Cancel) order or as a GTC (Good-Till-Cancelled) order.

16. (New) The API/SDK-based system of claim 8, further comprising the programming means of receiving order execution particulars through the API/SDK and storing it.